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Patent Abstracts of Japan

PUBLICATION NUMBER : 08167413
PUBLICATION DATE : 25-06-96

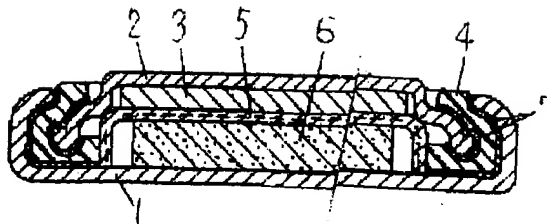
APPLICATION DATE : 12-12-94
APPLICATION NUMBER : 06307399

APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

INVENTOR : MIURA KUNIHIDE;

INT.CL. : H01M 4/58 H01M 4/06 H01M 6/16

TITLE : NONAQUEOUS ELECTROLYTE
BATTERY



ABSTRACT : PURPOSE: To improve liquid absorptivity and electric conductivity of positive electrode pellet, and heighten a discharge characteristic by coating a positive electrode active material with expanded graphite.

CONSTITUTION: Lithium 3 being a negative electrode active material is press-fitted to an inner wall of a sealing plate 2 also serving as a negative electrode terminal. An opening tip part of a battery case 1 also serving as a positive electrode terminal is calked inward and the peripheral edge of the sealing plate 2 is so fastened through a gasket 4 that a port is sealed. A positive electrode active material is coated with expanded graphite having an average particle diameter of 20 μ m to 80 μ m being a conductive material having binding performance, and is used as a positive electrode pellet 6 in which a binding agent such as a fluororesin does not substantially exist. So, a uniform mixed condition is held, and the positive electrode pellet can be molded without adding a binding agent.

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